

LJ
39. (New) The composition of claim 1 wherein the oil is present in an amount of 1% to 4% of the total volume and the emulsifying agent is 0.01% to 0.05% by weight (w/w).--

REMARKS

Claims 6 and 37 have been cancelled and new claims 38 and 39 have been added. It is to be understood that cancellation of the claims is without prejudice and applicants expressly reserve their right to submit the claims again in a related application.

Respectfully submitted,

Date: 6/15/99

By: Vandana Date

Vandana Date
Registration No. 38,675
Attorney for Applicant

CHIRON CORPORATION
Intellectual Property - R440
P.O. Box 8097
Emeryville, CA 94662-8097
Telephone: (510) 923-8730
Facsimile: (510) 655-3542



08/418,870; 0085.006; 2302-0085.04

Currently Pending Claims

(08/418,870; 0085.006; 2302-0085.04)

1. (Six times amended) An adjuvant composition consisting essentially of:
 - (1) a metabolizable oil, wherein the oil is present in an amount of 0.5% to 20% of the total volume and
 - (2) an emulsifying agent, wherein the emulsifying agent is 0.01% to 2.5% by weight (w/w), and wherein said oil and said emulsifying agent are present in the form of an oil-in-water emulsion having oil droplets substantially all of which are less than 1 micron in diameter and wherein said composition exists in the absence of any polyoxypropylene-polyoxyethylene block copolymer and in the absence of any muramyl peptide, and further wherein said adjuvant composition is capable of increasing the immune response to an antigen when administered with the antigen.
2. The composition of Claim 1, wherein said oil is an animal oil.
3. The composition of Claim 2, wherein said oil is an unsaturated hydrocarbon.
4. The composition of Claim 1, wherein said oil is a terpenoid.
5. The composition of Claim 1, wherein said oil is a vegetable oil.
7. The composition of Claim 1, wherein said emulsifying agent comprises a non-ionic detergent.
8. (Amended) The composition of Claim 1, wherein said emulsifying agent comprises a polyoxyethylene sorbitan mono-, di-, or triester or a sorbitan mono-, di-, or triester.
9. (Amended) The composition of Claim 8, wherein said composition comprises .02 to

2.5 % by weight of said emulsifying agent.

29. (Thrice amended) A method of stimulating an immune response in a host animal comprising:

administering an antigen to said animal in the presence of an immunostimulating amount of an adjuvant composition of claim 1.

36. The composition of Claim 1 wherein said emulsifying agent comprises a polyoxyethylene sorbitan mono-, di-, or triester and a sorbitan mono-, di-, or triester.

38. (New) The composition of claim 1 wherein the oil is present in an amount of 1% to 12% of the total volume and the emulsifying agent is 0.05% to 1% by weight (w/w).

39. (New) The composition of claim 1 wherein the oil is present in an amount of 1% to 4% of the total volume and the emulsifying agent is 0.01% to 0.05% by weight (w/w).